

ZALCO LABORATORIES, INC.

Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

June 19, 2015

Joe Covello
Central California Oil Company
P O Box 22050
Bakersfield, CA 93390

TEL: -
FAX: -

Project ID:
RE: 1504158

Dear Joe Covello:

Zalco Laboratories, Inc. received 1 samples on 4/14/2015 for the analyses presented in the following report.

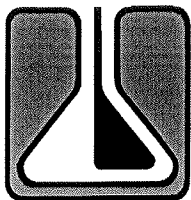
We appreciate your business and look forward to serving you in the future. Please feel free to call our office if you have any questions regarding these test results.

Sincerely,

Juan Magana
Project Manager
CC:

NSS: Non Sufficient Sample H: Exceeds Analysis Hold Time TTLC: Total Threshold Limit Concentration STLC: Soluble Threshold Limit Concentration TCLP: Toxicity Characteristic
Leaching Procedure MCL: Maximum Contaminant Level *: See Case Narrative
The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Note: Samples analyzed for regulatory purposes should be put on ice immediately after sampling and received by the laboratory at temperatures between 0-6°C.
Microbiological analysis requires samples to be at least 4-10°C when received at the laboratory. For additional information regarding the limitations of the method(s) referred to, please call us at 661-395-0539.

**ZALCO LABORATORIES, INC.**

Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308(661) 395-0539
FAX (661) 395-3069Central California Oil Company
P O Box 22050
Bakersfield, CA 93390Project: RWQCB Oilfield Ponds - 2Q2015
Project #:
Attention: Joe CovelloWork Order No.: 1504158
Reported: 06/19/2015
Received: 04/14/2015 15:50

Lab Sample ID: 1504158-01

Collected By:

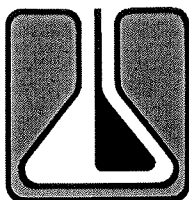
Client Sample ID: Getty Lease- Water Leg Of Wash Tank Upstream Of Sump

Date Collected: 4/14/2015 11:55:00AM

Analyte	Results	PQL	Units	Flag	Method	Date Prepared	Date Analyzed	Init.
Alkalinity								
Total Alkalinity	4300	10	mg/L		SM 2320B	4/15/15	4/15/15	SAM
Bicarbonate (HCO ₃)	4300	10	mg/L		SM 2320B	4/15/15	4/15/15	SAM
Carbonate (CO ₃)	<10	10	mg/L		SM 2320B	4/15/15	4/15/15	SAM
Hydroxide (OH)	<10	10	mg/L		SM 2320B	4/15/15	4/15/15	SAM
CAM, Toxicity (17 Metals)								
			<i>TTLT Limits</i>					
Antimony	<0.20	0.20	500	mg/L	SW846 6010B	4/17/15	4/21/15	SS
Arsenic	<0.020	0.020	500	mg/L	SW846 6010B	4/17/15	4/21/15	SS
Barium	15	0.10	10000	mg/L	SW846 6010B	4/17/15	4/21/15	SS
Beryllium	<0.010	0.010	75	mg/L	SW846 6010B	4/17/15	4/21/15	SS
Cadmium	<0.010	0.010	100	mg/L	SW846 6010B	4/17/15	4/21/15	SS
Chromium	<0.050	0.050	2500	mg/L	SW846 6010B	4/17/15	4/21/15	SS
Cobalt	<0.10	0.10	8000	mg/L	SW846 6010B	4/17/15	4/21/15	SS
Copper	<0.050	0.050	2500	mg/L	SW846 6010B	4/17/15	4/21/15	SS
Lead	<0.050	0.050	1000	mg/L	SW846 6010B	4/17/15	4/21/15	SS
Mercury	<0.0020	0.0020	20	mg/L	SW846 7470A	4/16/15	4/16/15	SS
Molybdenum	<0.10	0.10	3500	mg/L	SW846 6010B	4/17/15	4/21/15	SS
Nickel	0.061	0.050	2000	mg/L	SW846 6010B	4/17/15	4/21/15	SS
Selenium	<0.05	0.05	100	mg/L	SW846 6010B	4/17/15	4/21/15	SS
Silver	<0.020	0.020	500	mg/L	SW846 6010B	4/17/15	4/21/15	SS
Thallium	<0.50	0.50	700	mg/L	SW846 6010B	4/17/15	4/21/15	SS
Vanadium	<0.10	0.10	2400	mg/L	SW846 6010B	4/17/15	4/21/15	SS
Zinc	<0.050	0.050	5000	mg/L	SW846 6010B	4/17/15	4/21/15	SS
General Chemistry								
			<i>MCL Limits</i>					
Fluoride	<1.0	1.0	2	mg/L	EPA 300.0	4/15/15	4/15/15	MSS
Nitrate as NO ₃	<500	500	45	mg/L	EPA 300.0	4/15/15	4/15/15	MSS
Electrical Conductivity	18	0.010		mmhos/cm	SM 2510B	4/15/15	4/15/15	SAM
Bromide	26	1.0		mg/L	EPA 300.0	4/15/15	4/15/15	MSS
Chloride	3700	500		mg/L	EPA 300.0	4/15/15	4/15/15	MSS
pH	7.60			pH Units	EPA 150.1	4/15/15	4/15/15	SAM
Sulfate as SO ₄	<5.0	5.0		mg/L	EPA 300.0	4/15/15	4/15/15	MSS
Total Dissolved Solids	11000	10		mg/L	SM 2540C	4/17/15	4/17/15	SAM
Hardness								

NSS: Non Sufficient Sample H: Exceeds Analysis Hold Time TTLT: Total Threshold Limit Concentration STLC: Soluble Threshold Limit Concentration TCLP: Toxicity Characteristic Leaching Procedure MCL: Maximum Contaminant Level *: See Case Narrative
The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Note: Samples analyzed for regulatory purposes should be put on ice immediately after sampling and received by the laboratory at temperatures between 0-6°C. Microbiological analysis requires samples to be at least 4-10°C when received at the laboratory. For additional information regarding the limitations of the method(s) referred to, please call us at 661-395-0539.

**ZALCO LABORATORIES, INC.**

Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308(661) 395-0539
FAX (661) 395-3069Central California Oil Company
P O Box 22050
Bakersfield, CA 93390Project: RWQCB Oilfield Ponds - 2Q2015
Project #:
Attention: Joe CovelloWork Order No.: 1504158
Reported: 06/19/2015
Received: 04/14/2015 15:50

Lab Sample ID: 1504158-01

Collected By:

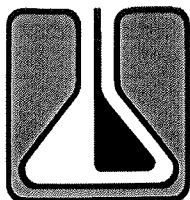
Client Sample ID: Getty Lease- Water Leg Of Wash Tank Upstream Of Sump

Date Collected: 4/14/2015 11:55:00AM

Analyte	Results	PQL	Units	Flag	Method	Date Prepared	Date Analyzed	Init.
Hardness								
Hardness (as CaCO ₃)	170	2.0	mg/L		SM 2340B	4/16/15	4/16/15	SS
Metals								
Lithium	1.1	0.10	mg/L		EPA 200.7	4/16/15	4/16/15	SS
Metals - As Received								
Magnesium	28	0.050	mg/L		EPA 200.7	4/16/15	4/16/15	SS
Potassium	19	0.50	mg/L		EPA 200.7	4/16/15	4/16/15	SS
Sodium	5900	70	mg/L		EPA 200.7	4/16/15	4/16/15	SS
Calcium	23	0.050	mg/L		EPA 200.7	4/16/15	4/16/15	SS
Iron	<0.10	0.10	mg/L		EPA 200.7	4/16/15	4/16/15	SS
Boron	12	0.10	mg/L		EPA 200.7	4/16/15	4/16/15	SS
Barium	13	0.10	mg/L		EPA 200.7	4/16/15	4/16/15	SS
Copper	<0.050	0.050	mg/L		EPA 200.7	4/16/15	4/16/15	SS
Silica (SiO ₂)	18	4.0	mg/L		EPA 200.7	4/16/15	4/16/15	SS
Strontium	5.9	0.10	mg/L		EPA 200.7	4/16/15	4/16/15	SS
Manganese	<0.030	0.030	mg/L		EPA 200.7	4/16/15	4/16/15	SS
Oil & Grease Testing								
TRPH	<5.00	5.00	mg/L		EPA 1664	4/29/15	4/29/15	BIG
Semivolatile Organic Compounds								
Indeno(1,2,3-cd)pyrene	<10.0	10.0	ug/L		SW846 8270C	4/17/15	4/20/15	JMM
Naphthalene	26.7	10.0	ug/L		SW846 8270C	4/17/15	4/20/15	JMM
Acenaphthylene	<10.0	10.0	ug/L		SW846 8270C	4/17/15	4/20/15	JMM
Acenaphthene	<10.0	10.0	ug/L		SW846 8270C	4/17/15	4/20/15	JMM
Fluorene	<10.0	10.0	ug/L		SW846 8270C	4/17/15	4/20/15	JMM
Phenanthrene	7.9	10.0	ug/L		SW846 8270C	4/17/15	4/20/15	JMM
Anthracene	<10.0	10.0	ug/L		SW846 8270C	4/17/15	4/20/15	JMM
Fluoranthene	<10.0	10.0	ug/L		SW846 8270C	4/17/15	4/20/15	JMM
Pyrene	<10.0	10.0	ug/L		SW846 8270C	4/17/15	4/20/15	JMM
Benzo (a) anthracene	<10.0	10.0	ug/L		SW846 8270C	4/17/15	4/20/15	JMM
Chrysene	<10.0	10.0	ug/L		SW846 8270C	4/17/15	4/20/15	JMM
Benzo (b) fluoranthene	<10.0	10.0	ug/L		SW846 8270C	4/17/15	4/20/15	JMM
Benzo (k) fluoranthene	<10.0	10.0	ug/L		SW846 8270C	4/17/15	4/20/15	JMM

NSS: Non Sufficient Sample H: Exceeds Analysis Hold Time TTLC: Total Threshold Limit Concentration STLC: Soluble Threshold Limit Concentration TCLP: Toxicity Characteristic
Leaching Procedure MCL: Maximum Contaminant Level *: See Case Narrative
The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Note: Samples analyzed for regulatory purposes should be put on ice immediately after sampling and received by the laboratory at temperatures between 0-6°C.
Microbiological analysis requires samples to be at least 4-10°C when received at the laboratory. For additional information regarding the limitations of the method(s) referred to, please call us at 661-395-0539.



ZALCO LABORATORIES, INC.

Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

Central California Oil Company
P O Box 22050
Bakersfield, CA 93390

Project: RWQCB Oilfield Ponds - 2Q2015
Project #:
Attention: Joe Covello

Work Order No.: 1504158
Reported: 06/19/2015
Received: 04/14/2015 15:50

Lab Sample ID: 1504158-01

Collected By:

Client Sample ID: Getty Lease- Water Leg Of Wash Tank Upstream Of Sump

Date Collected: 4/14/2015 11:55:00AM

Analyte	Results	PQL	Units	Flag	Method	Date Prepared	Date Analyzed	Init.
Semivolatile Organic Compounds								
Benzo (a) pyrene	<10.0	10.0	ug/L		SW846 8270C	4/17/15	4/20/15	JMM
Dibenz (a,h) anthracene	<10.0	10.0	ug/L		SW846 8270C	4/17/15	4/20/15	JMM
Benzo (g,h,i) perylene	<10.0	10.0	ug/L		SW846 8270C	4/17/15	4/20/15	JMM
Surrogates		% Recovery	Recovery Limits	Flag				
Nitrobenzene-d5		36.6	0-95				4/20/15 14:56	
2-Fluorobiphenyl		41.7	0-92				4/20/15 14:56	
Terphenyl-d14		85.0	0-100				4/20/15 14:56	
Subcontracted Analyses								
Gross Alpha	78.8			pCi/L	SM 7110C	4/21/15	4/22/15	JMM
Radium-226	1.50	0.470		pCi/L	E903.1	4/17/15	5/11/15	JMM
Radium-228	<0.506	0.506		pCi/L	EPA Ra-05	4/28/15	4/30/15	JMM
Uranium (ug/L)	0.198			pCi/L	E908	4/29/15	4/29/15	JMM
Volatile Organic Compounds								
m,p-Xylene	51.7	5.00		ug/L	SW846 8260B	4/21/15	4/21/15	HLP
Benzene	87.9	5.00		ug/L	SW846 8260B	4/21/15	4/21/15	HLP
Xylenes, total	90.8			ug/L	SW846 8260B	4/21/15	4/21/15	HLP
Methyl tert-Butyl Ether	<5.00	5.00		ug/L	SW846 8260B	4/21/15	4/21/15	HLP
Ethylbenzene	29.2	5.00		ug/L	SW846 8260B	4/21/15	4/21/15	HLP
Toluene	62.2	5.00		ug/L	SW846 8260B	4/21/15	4/21/15	HLP
o-Xylene	39.1	5.00		ug/L	SW846 8260B	4/21/15	4/21/15	HLP
Surrogates		% Recovery	Recovery Limits	Flag				
1,2-Dichloroethane-d4		119	89-165				4/21/15 13:40	
Toluene-d8		119	65-124				4/21/15 13:40	
4-Bromofluorobenzene		113	94-114				4/21/15 13:40	

NSS: Non Sufficient Sample H: Exceeds Analysis Hold Time TTL: Total Threshold Limit Concentration STLC: Soluble Threshold Limit Concentration TCLP: Toxicity Characteristic Leaching Procedure MCL: Maximum Contaminant Level *: See Case Narrative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Note: Samples analyzed for regulatory purposes should be put on ice immediately after sampling and received by the laboratory at temperatures between 0-6°C. Microbiological analysis requires samples to be at least 4-10°C when received at the laboratory. For additional information regarding the limitations of the method(s) referred to, please call us at 661-395-0539.

[illegible]

NOTE: Samples are discarded 30 days after results unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client's expense.

*Sample Type Key: AQ-Aqueous; BS-Biosolid; DW-Drinking Water; GW-Ground Water; G-Gas; LPG-Liquid Petroleum Gas;
OL-Oil; O-Other; P-Petroleum; S-Soil/Solid; ST-Storm Water; WW-Wastewater

*Sample No.: FOR OFFICE USE ONLY